

Arenaria kingii (S. Watson) M. E. Jones **ssp. rosea** Maguire**ROSY KING SANDWORT****FAMILY:** *Caryophyllaceae*, the pink family.**STATUS:****Heritage Program SENSITIVE LIST, ranks: G4 T2 S2****USFWS/ESA:** species of concern. **STATE OF NEVADA:** none. **BLM:** none. **USFS:** Humboldt-Toiyabe NF Sensitive Species. **NNPS:** watch list.**POPULATION CENSUS:** 6 occurrences mapped at 1.0 km (0.6 mi) separation, OR 10 occurrences mapped at 0.16 km (0.1 mi) separation; total estimated individuals 883+, total estimated area unknown. **TREND:** unknown.**IMPACTS AND MAJOR THREATS:** USFS: expanding population and recreation use of the Charleston Mts. poses a threat. Excess numbers of wild horses are potential threats.**INVENTORY EFFORT:** Systematic surveys have been conducted and are largely complete. Most recent entered survey 1993, average year of last survey 1968. **Years since last entered survey** (percent of mapped records at various survey ages): **6-10 yrs:** 50%; **11-20 yrs:** 10%; **51+ yrs or unknown:** 40%.**LAND MANAGEMENT** in decreasing predominance: Humboldt-Toiyabe National Forest, designated wilderness, private lands (?), U. S. Bureau of Land Management (?).**RANGE:** Clark County, Nevada. Endemic to the Spring Mountains. Maximum **range dimension 6.9 km (4.3 mi)** excluding most disjunct record.**ELEVATIONS RECORDED:** 6560-9550 feet (1999-2911 meters).**HABITAT:** Dry, shallow, gravelly to rocky carbonate soils on wooded slopes and ridges in the upper pinyon-juniper, montane coniferous forest, and lower subalpine coniferous zones.**PHENOLOGY:** flowering summer. Range of most frequent **survey months:** June-August.**LIFE-FORM AND HABIT:** perennial herb.**DESCRIPTION:** not available (see references).**PHOTOGRAPHS:** Nachlinger and Sheldon (1999), Weixelman and Atwood (1990).**ILLUSTRATIONS:** Mozingo and Williams (1980), Weixelman and Atwood (1990).**OTHER GENERAL REFERENCES** (listed separately): Clokey (1951), Knight (1992), Nachlinger (1994), Spahr et al. (1991).**SPECIFIC REFERENCES:**

Maguire, B. 1946. Studies in the Caryophyllaceae I. Bulletin of the Torrey Botanical Club 73: 326.

Maguire, B. 1951. Studies in the Caryophyllaceae V. *Arenaria* in America North of Mexico. American Midland Naturalist 46: 493-511.Nachlinger, J. and S. K. Sheldon. 1999. Conservation status of *Arenaria kingii* (S. Wats.) M. E. Jones ssp. *rosea* Maguire (Caryophyllaceae), rosy King sandwort, Clark County, Nevada, U. S. A. Reno: The Nature Conservancy, status report prepared for the U. S. Fish and Wildlife Service, Las Vegas.